## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE GENTRAL FAX GENTER

In re Patent Application of

Date: July 25, 2006

JUL 2 5 2008

Applicants: Bednorz et al.

Docket: YO987-074BZ

Serial No.: 08/479,810

Group Art Unit: 1751

Filed: June 7, 1995

Examiner: M. Kopec

NEW SUPERCONDUCTIVE COMPOUNDS HAVING HIGH TRANSITION

TEMPERATURE, METHODS FOR THEIR USE AND PREPARATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this Fifth Response After Final Rejection. (42 Pages) is being facsimile transmitted to the U.S. Patent and Trademark Office to (571) 273-8300

on July 25, 2006.

Dr. Daniel P. Morris Reg. No. 32,053

SIXTH SUPPLEMENTAL RESPONSE

Sir:

In response to the Office Action dated October 20, 2005, please consider the following: